GOVERNMENT OF INDIA
PETROLEUM AND NATURAL GAS
LOK SABHA

STARRED QUESTION NO:729
ANSWERED ON:16.05.2002
EXPLORATION OF CRUDE OIL BY ONGC OIL
ALE NARENDRA

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) the details of performance of ONGC and Oil India Ltd., during the last three years in so far as the exploration of crude oil and natural gas are concerned; and

(b) the details of the potential crude oil well and natural gas in the country including their economic feasibility, production and production cost incurred thereon so far?

Answer

MINISTER OF PETROLEUM & NATURAL GAS (SHRI RAM NAIK)

(a) & (b): A Statement is laid on the Table of the House.

Statement referred to in reply to parts (a) & (b) of Lok Sabha Starred Question No. 729 to be answered on 16.5.2002 regarding Exploration of Crude Oil by ONGC/OIL

(a): Details of performance of Oil and Natural Gas Corporation Ltd. (ONGC) and Oil India Ltd. (OIL) for exploration of crude oil an natural gas during the last three years, i.e. from 1999-2000 to 2001-02, are as under:-

	ONGC	OIL
Seismic survey		
2 Dimensional (GLK/LK)	54,128	1,710
3 Dimensional(GLK/LK) (Sq. Km.)	474,678	
Exploratory wells (no.)	668	
Hydrocarbon finds (no.)	439	32
Ultimate recoverable reserves of oil plus oil equivalent of gas (MMT)+	167.61	24.50

+ Provisional

Note: GLK = Ground Line Kilometer;
LK = Line Kilometer;
Sq. Km. = Square Kilometer;
MMT = Million Metric Tonne

(b): During the last three years, a total of 45 hydrocarbon finds have been made, 26 by ONGC, 10 by OIL and 9 by private/joint venture companies. The new discoveries are assessed by additional surveys, Geological and Geo-physical (G&G) studies and appraisal drilling to establish limits of the pool and its potential. Subsequent to the assessment, the fields are considered for development for which simulation runs are made on computer to establish the production potential, input requirements, investment profile and

economic viability. Only those fields which are techno-economically viable are developed and put on production. However, in case of few discoveries in the existing producing basins, fields are at times put onto production utilising existing production installation or through installation of Early Production System (EPS)/Quick Production System (QPS). Only after a field is put onto commercial production on completion of the assessment and development, quantum of oil production, cost etc. can be worked out.

The production of crude oil and natural gas by ONGC, OIL and by private/JV companies during the last three years are as under:-

	1999-2000	2000-01	2001-02
CRUDE OIL (MMT)			
ONGC	24.65	25.06	24.71
OIL	3.26	3.29	3.18
Pvt./JV	4.02	4.08	4.14
GAS (BCM)			
ONGC	23.25	24.02	24.04
OIL	1.73	1.86	1.61
Pvt./JV	3.47	3.60	4.05

The operating cost of the oil plus oil equivalent of gas for the last three years are as follows:-

(Rs. /MT)

	1999-2000	2000-01	2001-02
ONGC	963	1111	1010
OIL	538/583	732	751
Pvt./JV	557	504	443